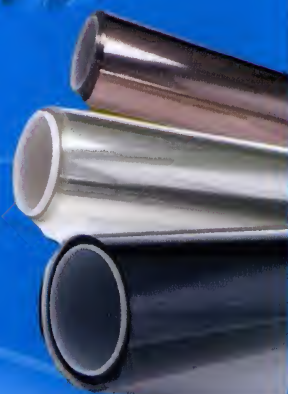




SOLAR CONTROL WINDOW FILM

make your ■ **CAR & BUILDING**
LOOK BETTER





SOLAR GARD (M) SDN. BHD. (355629-U)

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Solar Gard®
Solar Control Window Films

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Solar Gard®

Solar Control Window Films

Company Profile

Solar Gard® (M) Sdn Bhd was founded in 1995. Two years after the parent company V-KOOL (M) Sdn Bhd was established. Solar Gard® Malaysia today has around 500 Automobile Application Dealers through Malaysia. Solar Gard® Film today has recognized as a quality sputtered Metalized Window Film for Automobile application from low quality Dyed Film who does not last and no approval from the Government.

A year later, end of 1996 we started to market Solar Gard® Film to Commercial / Home Application until today we have successful completed and satisfied our customers of various size of commercial building, factories, offices and homes. Our company objective is to enhance the customers on applying Solar Gard® quality High Performance Sputtered Metalized Window film for value added and energy saving on lower utility bills. We have confidence in the near future Solar Gard® will become a house hold name in Malaysia.

We have currently a staff of over 80 personnels in our company, we have a total of 5 tint shops, 3 in Klang Valley and 2 in Johor Bahru. All our Solar Gard® showrooms are staff with well trained managers, coordinators, clerks and sufficient technicians. We believe with the right infra-structure build in our company and well trained Installation Technicians will provide excellent and quality service to our customers. We hope with this information, you will continue to support our company.

Solar Gard®

Solar Control Window Films

Product Information

Technology

Solar Gard® has been the quality leader in the window film business for over 20 years, utilizing the most advanced techniques of film construction available. Solar Gard® pioneered the use of sputtered films which imbeds reflective metallic particles like titanium, stainless steel, copper and aluminum into rather than onto the polyester film. Solar Gard® residential and commercial films are available with a scratch resistant surface called DURAGARD® providing maximum durability by resisting scratching. Simply stated, Solar Gard® films provide outstanding heat rejection properties, no visual imperfections and will reward you with long lasting good looks and performance.

Tinting windows first became popular with automobiles. It didn't take long for consumers to discover the tremendous benefits window film provided their vehicles-improved looks, reduced fading from UV rays, heat rejection, reduce glare and improved safety. These benefits were just as valuable when film was applied to home or office windows. Today, commercial and residential application of window films is the fastest growing segment of the industry.

Benefits

- **Improved Appearance**

Solar Gard® films provide an elegant look to the exterior of any building, from modest homes to soaring office towers. Solar Gard's wide variety of colors lets you coordinate the right film for your building's interior or exterior. For owners of older buildings, Solar Gard® films provide a more modern, contemporary look. Improved appearance, however, is just the beginning of the story.

- **Improved Efficiency**

Solar Gard® film will reduce your energy bills year-round. In the summer, it rejects up to 79% of the sun's solar energy. And in the winter, Solar Gard® film helps insulate the home or building to remain heat. Less money to send to the power company and lower operating costs for the building manager which can lead to increased property value.

- **Reduced Fading**

The sun's UV rays are a major contributor to the fading of draperies, carpets, furnishings and displays items in storefronts. Solar Gard® films reject up to 98% of the harmful UV rays. In addition, occupants of buildings with Solar Gard® film installed enjoy increased protection from health threatening UV rays.

- **Increased Safety**

Solar Gard® films provide the look of expensive tinted glass but also provide a degree of shatter resistance. In case of an accident, Solar Gard's strong pressure sensitive adhesive bonds the film to the glass, helping to hold fragments in place adding to your safety. If safety and security are a paramount concern, Solar Gard® also offers a series of tough, shatter resistant safety films available in clear or a variety of solar safety films. Ask your Solar Gard® dealer for more details.

- **Solar Gard® Professionals**

Solar Gard's network of dealers and installers are trained to recommend the right Solar Gard® film for your application. Your dealer recognizes that Solar Gard® products are the highest quality films available....ensuring your total satisfaction. Talk to your Solar Gard® dealer today and begin enjoying the benefits of Solar Gard® film tomorrow.

Solar Gard®

Solar Control Window Films

Product Warranty

Warranty Plus®

Solar Gard® films are backed by a strong Ten (10) years warranty to insure your total satisfaction. The manufacturer warrants Solar Gard films against peeling, cracking, crazing, delamination, fading, loosening or demetalizing.

Window Film Care & Maintenance

To obtain maximum service life from your DTI/SGI window film product note the following instructions for proper care and maintenance.

DO NOT CLEAN THE FILM FOR 30 DAYS AFTER INSTALLATION. This will help to secure proper curing of the adhesive system to the glass. Do not use ammonia solutions to clean any window film product. A good economical cleaning solution for window film is ½ ounce of liquid dish soap added to 1 quart of fresh water. A soft cloth or a clean synthetic sponge is recommended for washing the window film followed by another clean soft cloth or soft rubber squeegee for drying. Do not use bristle brushes, abrasive scrubbing sponges, or any other cleaning materials that could scratch the film or that may have been contaminated with dirt particles, as is commonly the case when washing interior and exterior windows with the same cleaning materials. Some brands of paper towels are coarse enough to put fine scratches in the film, even films with DURAGARD® protective hard coat finish. While these scratches may be too thin to be seen at the beginning they can damage the polished look of the film over time. Always use fresh clean soft materials to wash and dry your window film surfaces.

Solar Gard®

SOLAR CONTROL WINDOW FILMS

SOLAR COOL 60

PERFORMANCE SPECIFICATIONS

Solar Transmission	38%
Solar Absorption	32%
Solar Reflectance	30%
Visible Light Transmittance	53%
Visible Light Absorptance	23%
Visible Light Reflectance	24%
Emissivity	0.72
U Factor (nore 3)	1.02
Shading Coefficient	0.54
UV Transmission (300-380 Nanometers)	<1%
Total Solar Energy Rejected	53%

NOTES:

1. All Values based upon solar control film installed on the inside surface of single glazing using clear glass, thickness = 1/8".
2. (U) Value calculated under summer day ASHRAE conditions.
3. The film manufacturer is a participating member of AIMCAL, the Association of Industrial Metalizers, Coaters and Laminators. All data reported on performance properties have been independently tested by DSET Laboratories, Phoenix Arizona, using ASHRAE, ASTM, IWFA and AIMCAL calculations and test procedures. Data shown is nominal and only intended for estimating purposes.
4. Solar Gard stands behind our extensive line of high-tech films with an exceptional factory warranty for a full ten years.

Sole Distributor for Malaysia:-

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S O L A R G A R D